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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of

TAKAHASHI et al.

Application Number: 10/580,048

Filed: May 19, 2006

For: HEAT STORAGE UNIT

Attorney Docket No. KOBE.0093

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) **Art Unit 3744**
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) **Examiner**
) **Walberg, Teresa J.**
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

COVER LETTER

Sir:

[x] The fee for submission of claims is calculated as shown below:

| FOR | TOTAL WITH NEW CLAIMS ADDED | TOTAL CURRENTLY ON FILE | CLAIMS PAID | RATE | CALCULATION |
|---|-----------------------------------|-------------------------------|----------------|---------|-------------|
| Total Claims | 24 | 29 | 9 (Over 20) | x \$50 | 0 |
| Independent Claims | 3 | 3 | (Over 3) | x \$210 | 0 |
| MULTIPLE DEPENDENT CLAIM(S) | | | | + \$370 | 0 |
| REDUCTION FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28). | | | | x ½ | |
| | | | TOTAL | | 0.00 |

In addition, the below-identified communications are submitted in the above-captioned application or proceeding:

[x] Response to Office Action
(with Claim Amendments)
[x] Substitute Specification
with Clean and Marked-up Versions
[x] Substitute Abstract

[] Petition for Extension of Time
[] Terminal Disclaimer
[] Letter to Draftsperson (w/ __ sheet)
[] Assignment
[] Other _____

- [] Please charge my **Deposit Account Number** _____ in the amount of _____ to cover the fees for _____. A duplicate copy of this paper is enclosed.
- [] A check in the amount of \$ _____ to cover the fee is enclosed.
- [x] The Commissioner is hereby authorized to charge any additional fees associated with this communication, including fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

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April 23, 2008



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RESPONSE AND AMENDMENT UNDER 37 C.F.R. § 1.111

Sir:

This is in response to the Office Action mailed on January 23, 2008, the period of response to which is set to expire on April 23, 2008. Please amend the above-referenced application as follows: